Surge Protection for
Home and Office

Islatrol® SP Series – Surge Suppressor/Filter

***User Manual** – Islatrol® SP-6TVN and SP-6TN*

SP-6TVN

SP-6TN

EMERSON™
Network Power

Congratulations on purchasing the Islatrol® SP-6TVN/SP-6TN multi-stage Industrial Strength Surge Suppressor with Active Tracking® Filter. These instructions will insure your Islatrol® SP-6TVN/SP-6TN surge suppressor is properly installed and functioning.

The Islatrol® SP-6TVN/SP-6TN is designed to protect 120 Volt electronics with up to 15-amp current carrying capability. **The Islatrol® SP-6TVN/SP-6TN must be properly grounded to work. Ensure that any duplex receptacle used for the Islatrol® SP-6TVN/SP-6TN is properly grounded.**

Step 1: Connecting the Islatrol® SP-6TVN/SP-6TN to a Duplex Receptacle

Remove the duplex receptacle mounting screw. If the duplex receptacle face plate is metal, remove it otherwise leave in place. Place the Islatrol® SP-6TVN/SP-6TN and the duplex receptacle face plate, *(if plastic)* over the duplex receptacle. Insert the blades of the Islatrol® SP-6TVN/SP-6TN into the duplex receptacle. Tighten the mounting screw.

When installed in a properly grounded receptacle, Islatrol® SP-6TVN/SP-6TN indicator light will be operational. If the indicator light does not illuminate, it means the wall receptacle has an incorrect ground. Try the SP-6TVN/SP-6TN in a different wall outlet. If it still doesn't illuminate, contact the office where you purchased your Islatrol® SP-6TVN.

You can reposition the Islatrol® SP-6TVN/SP-6TN receptacles on each side to provide clearance for your power cords if needed and connect up to 15 amps of equipment load.

Step 2: Connecting your Video Electronics to the Islatrol® SP-6TVN

Disconnect the video cable going to your home entertainment system. Check to make sure that the small center wire inside the video connection is straight, (not bent) and then connect it to the "IN" of one of the video suppressor connections on the Islatrol® SP-6TVN. Open one of the jumper wires that came with the Islatrol® SP-6TVN. Connect one end to the "OUT" connection on the Islatrol® SP-6TVN and connect the other end to the original connection on the home entertainment equipment.

If you have a second video device to protect, perform the same steps using the second coaxial cable that came with your Islatrol® SP-6TVN.

Step 3: Connecting your Telephone Electronics to the Islatrol® SP-6TVN/SP-6TN

Disconnect the end of your telephone line where it comes out of the wall. Connect it to one of the "OUT" telephone port connections, *(see diagram)* on the Islatrol® SP-6TVN/SP-6TN. *(Note: Do not use the data port for telephone line suppression).* Connect one end of the telephone line patch cord that came with the Islatrol® SP-6TVN/SP-6TN to the "IN" line connection on the Islatrol® SP-6TVN/SP-6TN. Connect the other end to the original wall outlet.

Step 4: Connecting Network Electronics to the Islatrol® SP-6TVN/SP-6TN

Disconnect the end of your network line from your computer or router. Plug the end of the line to the Islatrol® SP-6TVN/SP-6TN network connector ports marked "IN". Connect one end of the network line patch cord that came with the Islatrol® SP-6TVN/SP-6TN to the "OUT" connection on the Islatrol® SP-6TVN. Connect the other end to your computer or router.

Why the Islatrol® SP-6TVN/SP-6TN Industrial Strength Surge Suppressor with *Active Tracking® Filter* technology is *Simply the Best* power protection for your home and office equipment...

Special Circuitry: The Islatrol® SP-6TVN/SP-6TN multi-stage suppressor contains specialized circuitry to eliminate damage from surges. Part of the circuitry is an internal fuse that will open in the rare event the Islatrol® SP-6TVN/SP-6TN is overloaded or exposed to a high-energy surge beyond its capacity.

Indication: Although there is an indicator on the Islatrol® SP-6TVN/SP-6TN to show if the suppressor is functioning, often suppressors are hidden behind furniture and other objects that prevent you from seeing the indicator.

The Islatrol® SP-6TVN/SP-6TN has a second method to inform you if the suppression fails. The internal fuse will open and you will lose power to your electronics. In the rare event this occurs, please contact the office where you purchased your Islatrol® SP-6TVN/SP-6TN regarding any warranty repair/return instructions.

Load size: You may plug up to a 15 amp device into the SP-6TVN/SP-6TN without overloading it.

Video: The Islatrol® SP-6TVN/SP-6TN video protection consists of two modules—either is suitable for satellite dish protection, cable TV, cable modems, and any other video device.

Telephone: The Islatrol® SP-6TVN/SP-6TN telephone protection is designed for any telephone application such as modems, fax machines, pay-per-view, DSL and other phone use.

Warranty

The Islatrol® SP-6TVN/SP-6TN comes with a standard manufacturer's limited warranty on defects in materials and workmanship. The warranty provides repair or replacement appliance coverage up to a limit. Contact the office where you purchased your Islatrol® SP-6TVN/SP-6TN for more information and warranty details.

Troubleshooting

If, in Step 1 and 2 on the previous page, the Islatrol® SP-6TVN/SP-6TN indicator did not illuminate:

1. Try plugging it into a different wall receptacle. If the light illuminates, then the Islatrol® SP-6TVN/SP-6TN is operating properly and your first wall receptacle needs repair. Please contact an electrician to repair your receptacle.
2. If the Islatrol® SP-6TVN/SP-6TN does not illuminate in a different receptacle:
   a. Your building wiring may not contain a ground conductor. In this case, the indicator light will not illuminate but you will still have power out of the Islatrol® SP-6TVN.
   b. The Islatrol® SP-6TVN/SP-6TN may have been damaged, please contact your supplier for any warranty return/repair instructions.

On a very rare occasion, your protected electronic appliance may not have power. This is an indication that the Islatrol® SP-6TVN/SP-6TN has been overloaded and the internal fuse is damaged. In this case, please contact your supplier for any warranty repair/return instructions.

Specifications			
AC Power Protection		Phone Protection	
Nominal Operating Voltage	120V	Connection Type	RJ11
Maximum Operating Voltage	130V	Peak Surge Current	2kA
Rated Output	15A	Modes of Protection	T-R, T-G, R-G
Mode of Protection	L-N, L-G, N-G		
Peak Surge Current	39kA		
Frequency Response	60dB Max		
Video Protection **(SP-6TVN ONLY)**		Network Protection	
Connection Type	'F'	Connection Type	RJ45
Peak Surge Current	5kA	Peak Surge Current	3kA
Modes of Protection	L-G	Modes of Protection	L-G

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